

16698  
U.S.PTOPlease type a plus sign (+) inside this box → Based on PTO/SB/05  
OMB 0651-0032

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. **12-043**

First Inventor or Application Identifier

**HAMAMOTO**Title **INFRARED SENSOR**

Express Mail Label No.

U.S.P.T.O.  
10/8/1873  
7510-11873

033004

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:** Commissioner for Patents  
Mail Stop Patent Application  
Alexandria, VA 22313-1450

1.  \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Specification [Total Pages **12**]   
 -Descriptive title of the Invention  
 -Cross Reference to Related Applications  
 -Background of the Invention  
 -Summary of the Invention  
 -Brief Description of the Drawings  
 -Detailed Description of the Preferred Embodiment  
 -Claims  
 -Abstract of the Disclosure

3.  Drawing(s) (35 U.S.C. 113) [Total Sheets **7**]   
 4. Oath or Declaration [Total Sheets **3**]   
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 C.F.R. § 1.63(d))  
 (for continuation/divisional with Box 16 completed)  
 i.  **DELETION OF INVENTOR(S)**  
 Signed statement attached deleting  
 inventor(s) named in the prior application,  
 see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5.  Microfiche Computer Program (Appendix)  
 6. Nucleotide and/or Amino Acid Sequence Submission  
 (if applicable, all necessary)  
 a.  Computer Readable Copy  
 b.  Paper Copy (identical to computer copy)  
 c.  Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7.  Assignment Papers (cover sheet & document(s))  
 Assignee: **DENSO CORPORATION**  
 8.  37 C.F.R. § 3.73(b) Statement (when there is an assignee)  Power of Attorney  
 9.  English Translation Document (if applicable)  
 10.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations  
 11.  Preliminary Amendment  
 12.  Return Receipt Postcard (MPEP 503)  
 (should be specifically itemized)  
 \*Small Entity Statement(s)  Statement filed in prior application,  
 (PTO/SB/09-12) Status still proper and desired  
 13.  Certified Copy of Priority Document(s)  
 (if foreign priority is claimed)  
 14.  Other: .....

\*NOTE FOR ITEMS 1& 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28)

16. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment: Continuation    Divisional    Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_

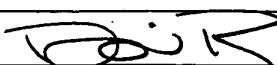
Prior application information: Examiner \_\_\_\_\_

Group/Art Unit: \_\_\_\_\_

For **CONTINUATION or DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**17. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	<b>23400</b> (Insert Customer No. or Attach bar code label here)	or <input type="checkbox"/> Correspondence address below
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Name			
Address			
City		State	Zip Code
Country		Telephone	Fax
(703) 707-9110		(703) 707-9112	

Name (Print/type)	<b>DAVID G. POSZ</b>	Registration No. (Attorney/Agent)	<b>37,701</b>
Signature			
	Date <b>March 30, 2004</b>		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Mail Stop Patent Application, Arlington, VA 22202.

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 810)

Complete if Known	
Application Number	
Filing Date	March 30, 2004
First Named Inventor	HAMAMOTO
Examiner Name	
Art Unit	
Attorney Docket No.	12-043

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account

Deposit Account Number **50-1147**  
 Deposit Account Name **POSZ & BETHARDS, PLC**

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1001	770	2001	385
1002	340	2002	170
1003	530	2003	265
1004	770	2004	385
1005	160	2005	80
SUBTOTAL (1)		(\$ 770)	

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	6	-20**= 0 X 18 = 0	0
Independent Claims	2	-3**= 0 X 86 = 0	0
Multiple Dependent			

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1202	18	2202	9
1201	86	2201	43
1203	290	2203	145
1204	86	2204	43
1205	18	2205	9
SUBTOTAL (2)		(\$ 0)	

\*\* or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

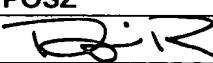
Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1051	130	2051	65
1052	50	2052	25
1053	130	1053	130
1812	2,520	1812	2,520
1804	920*	1804	920*
1805	1,840*	1805	1,840*
1251	110	2251	55
1252	420	2252	210
1253	950	2253	475
1254	1,480	2254	740
1255	2,010	2255	1,005
1401	330	2401	165
1402	330	2402	165
1403	290	2403	145
1451	1,510	1451	1,510
1452	110	2452	55
1453	1,330	2453	665
1501	1,330	2501	665
1502	480	2502	240
1503	640	2503	320
1460	130	1460	130
1807	50	1807	50
1806	180	1806	180
8021	40	8021	40
1809	770	2809	385
1810	770	2810	385
1801	770	2801	385
1802	900	1802	900
SUBTOTAL (3)		(\$ 40)	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 40)

SUBMITTED BY		Complete if applicable	
Name (Print/Type)	DAVID G. POSZ	Registration No. (Attorney/Agent)	37,701
Signature		Telephone	(703) 707-9110
Date	March 30, 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.